

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052278

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B20/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/032658 A1 (KAMATA SHINJI ET AL) 14 March 2002 (2002-03-14) abstract paragraphs '0001! - '0009! paragraphs '0052! - '0064! figures 1,3a	
A	US 2002/114461 A1 (KUBO MAKOTO ET AL) 22 August 2002 (2002-08-22) abstract paragraphs '0002! - '0011! paragraphs '0080! - '0127! figures 4-6	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

15 December 2004

Date of mailing of the international search report

12/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Sucher, R

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 02/099558 A (MATSUSHIMA HIDEKI; INOUE MITSUHIRO (JP); OKAMOTO RYUICHI (JP)) 12 December 2002 (2002-12-12) abstract page 1, line 5 - page 3, line 5 page 11, line 1 - page 22, line 23 figures 1-4</p>	
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 22, 9 March 2001 (2001-03-09) & JP 2001 126385 A (SONY CORP), 11 May 2001 (2001-05-11) abstract</p>	

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 1-16
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 1-16

The independent claims 1, 5, 9, 13 and 14 refer to "data of the optical disc which can not be copied" the meaning of which is completely unclear (Article 6 PCT). Claims 7 and 16 and the description on p. 7, l. 22 - p. 8, l. 12 describe a number of different possibilities of said data. However, the independent claims further refer to "information related to" said data which is not defined for any of said possibilities. The description on p. 9, l. 15 - p. 10, l. 3 in conjunction with fig. 5 and claim 8 only describe "information about the length and position of 'a! sector of the disc" where the uncopyable data is located. However, it is completely unclear from where the server gets said information because claims 2 and 10 and p. 6, l. 20-22 merely define that the request submitted by the player includes "the topic information of the disc in the player" the meaning of which is not clear either. Thus, it is also unclear how the server gets the "uncopyable data of the disc" which is used to encrypt the key information for decrypting the disc content, as defined in claims 5 and 14. Thus, the claims are so unclear that no meaningful search is possible.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002032658 A1	14-03-2002	JP 9034841 A	07-02-1997
US 2002114461 A1	22-08-2002	JP 2002328846 A	15-11-2002
		CN 1479921 T	03-03-2004
		EP 1363284 A1	19-11-2003
		WO 02067256 A1	29-08-2002
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		WO 02099558 A2	12-12-2002
JP 2001126385 A	11-05-2001	NONE	